

<b>Play:</b>	2903	Nye-Bowler Wrench Zone Oil and Gas	
<b>Province:</b>	29	Southwest Montana	
<b>Geologist:</b>	Perry, W.J., Jr.		<b>Status:</b> confirmed

<b>Play Attributes:</b>	<u>Probability of Occurrence</u>
Charge	1.00
Reservoir rock	1.00
Traps	0.50
<b>Play Probability</b>	<b>0.50</b>

**Size of Undiscovered Accumulations (>1 MMBOE) (Conditional):**

	<u>Oil Accumulations</u>	<u>Gas Accumulations</u>
Median	2 MMBO	8 BCFG
F5 of Largest Accumulation	10 MMBO	50 BCFG
TSP Shape Factor	4	6
Mean (calculated)	2.8 MMBO	12.0 BCFG

**Number of Undiscovered Accumulations (>1 MMBOE) (Conditional):**

	<u>Oil Accumulations</u>	<u>Gas Accumulations</u>
Minimum	1	1
Median	2	3
Maximum	4	6
Mean (calculated)	1.1	1.6

**Play:** 2903 Nye-Bowler Wrench Zone Oil and Gas

**Province:** 29 Southwest Montana

**Geologist:** Perry, W.J., Jr.

**Status:** confirmed

**Ratio of Associated-Dissolved Gas to Oil:** 430 CFG/bbl

**Ratio of NGL to Non-Associated Gas:** 4 bbl/MMCF

**Ratio of NGL to Associated-Dissolved Gas:** 20 bbl/MMCF

**API Gravity (degrees):** minimum mean maximum

**Depth of Oil Accumulations (ft):** minimum median maximum  
2,000 5,000 10,000

**Depth of N-A Gas Accumulations (ft):** minimum median maximum  
2,000 7,000 12,000

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**Estimated Resources:**

**Oil (MMBO)**

<u>F99</u>	<u>F95</u>	<u>F75</u>	<u>F50</u>	<u>F25</u>	<u>F5</u>	<u>F1</u>	<u>mean</u>	<u>s.d.</u>
0.00	0.00	0.00	1.10	5.10	11.90	17.40	3.10	4.30

**NGL (MMBNGL)**

<u>F99</u>	<u>F95</u>	<u>F75</u>	<u>F50</u>	<u>F25</u>	<u>F5</u>	<u>F1</u>	<u>mean</u>	<u>s.d.</u>
0.00	0.00	0.00	0.01	0.17	0.40	0.66	0.10	0.15

**Associated-Dissolved Gas (BCFG)**

<u>F99</u>	<u>F95</u>	<u>F75</u>	<u>F50</u>	<u>F25</u>	<u>F5</u>	<u>F1</u>	<u>mean</u>	<u>s.d.</u>
0.00	0.00	0.00	0.47	2.19	5.12	7.48	1.30	1.85

**Non-Associated Gas (BCFG)**

<u>F99</u>	<u>F95</u>	<u>F75</u>	<u>F50</u>	<u>F25</u>	<u>F5</u>	<u>F1</u>	<u>mean</u>	<u>s.d.</u>
0.00	0.00	0.00	0.00	31.20	73.70	126.50	19.30	28.10